

**AMENDMENT #1 TO THE FACT SHEET FOR
STATE WASTE DISCHARGE PERMIT ST-8012**

GENERAL INFORMATION	
Applicant	City of Moses Lake
Facility Name and Address	City of Moses Lake (Sand Dunes WWTP) P.O. Box 1579 Moses Lake, WA 98837-0244
Type of Treatment	Aerated lagoons with rock filters and infiltration basins
Discharge Location	Latitude: 47° 04' 00" N Longitude: 119° 15' 00" W.
Legal Description of Application Area	W ½ Section 12, T 18 W, R 28 E
Contact at Facility	Name: Dick Leishman Telephone #: 509-766-9229
Responsible Official	Name: Tim Varney Title: Public Works Superintendent Address: P.O. Box 1579, Moses Lake, WA 98837 Telephone #: 509-766-9225 FAX# 509-766-3615

HISTORY:

The Sand Dunes (WWTP) wastewater treatment plant was constructed in 1984 to replace a trickling filter plant that discharged to Moses Lake. The abandoned plant is now the city's central operations facility (COF). The COF provides preliminary treatment of the wastewater before the wastewater is pumped to the Sand Dunes WWTP.

Moses Lake was laid out in 1910, and incorporated as Moses Lake in 1938. In the 40's and 50's the construction of the Larson Air Force Based and the Columbia Basin irrigation project provided impetus for Moses Lake to develop as a commercial center for the region. The city and county anticipate a 3 per cent population growth rate for the next 20 years. Growth in flow will be somewhat different to the high portion of flow from commercial, industrial and institutional sources for the Sand Dunes Wastewater Treatment Facilities.

A permit was issued to the City on August 15, 2002 with interim limits lasting through January 30, 2006.

Permit Amendment:

The permittee has sent the department a written request to amend the permit. The requested changes and the rationale are:

1. Testing for final limits in the permit beginning January 31, 2006 call for weekly testing for Total Kjeldahl Nitrogen (TKN) and Total Nitrogen (TN), but twice weekly for Nitrate (NO₃). Testing twice weekly does not provide any additional knowledge for evaluation as there is not enough time between tests to evaluate any changes made in the process.
2. The final limits for Nitrate (NO₃) and Total Nitrogen (TN) are for maximum daily results and the City has requested the limits be modified to reflect the monthly average due to the testing schedule.

Upon further review of the testing parameters, the Department has concluded that testing for CBOD, TSS Fecal Coliforms and Total Dissolved Solids (TDS) should be reduced to once per week as well for the same reasons.

Permittee Modification:

General Condition G3 and G4 provide for the modification of the permit when good cause is evident and require submission of a new permit application or a supplement to the application. The letter requesting the change and the approved engineering report are an adequate supplement and the General Conditions have been complied with.

Ecology has determined that the permit should be modified as indicated above.